



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

11/25/22  
Publication number: 0 430 542 A2

# EUROPEAN PATENT APPLICATION

(12)  
(21) Application number: 90312622.5  
(22) Date of filing: 20.11.90

(51) Int. Cl.<sup>5</sup>: B29D 23/22, F16L 11/00, B29C 53/56

(30) Priority: 29.11.89 JP 307616/89  
(43) Date of publication of application: 05.06.91 Bulletin 91/23  
(84) Designated Contracting States: DE FR GB  
(71) Applicant: KABUSHIKI KAISHA MACHIDA SEISAKUSHO  
13-8, Honkomagome 6-chome Bunkyo-ku Tokyo (JP)

(72) Inventor: Kato, Kenichi, 328-16, Kokuki, Shiraoka-Machi Minamisaitama-Gun Saitama-Ken (JP)  
Inventor: Nobuhara, Toshihide, 16-15-202, Shiratori 2-chome Katsushika-Ku Tokyo (JP)  
(74) Representative: Votier, Sidney David et al CARPMAELS & RANSFORD 43, Bloomsbury Square London WC1A 2RA (GB)

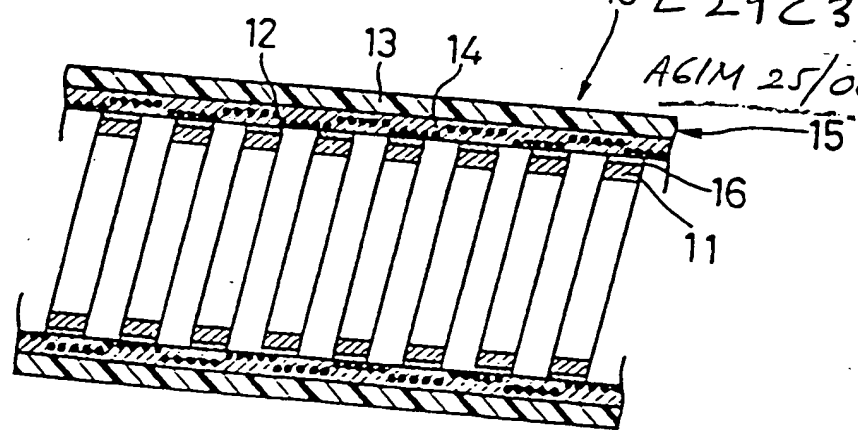
A61B1/00C

F16L 11/10

(54) Method of producing flexible tube.

(57) There is disclosed a method of producing a flexible tube (10; 10A). A braid (12) is fitted on an outer periphery of an elongated core member (20) of a cylindrical shape. Then, a soft resin layer (13; 13A) is formed on an outer periphery of the braid, and the resin layer and the braid are joined together to form a sheath (15; 15A). The core member is removed from the sheath. Subsequently, a flex (11) in the form of a spirally-wound metal strip is inserted into the sheath. The core member can be removed from the sheath by dipping the core member in a dissolvable solution (22).

Fig.3



-K29C351:00  
-L 29C351:08  
AG1M 25/00G

EP 0 430 542 A2

BEST AVAILABLE COPY